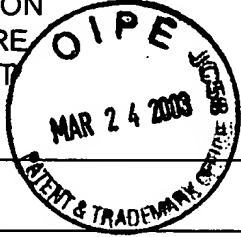


Form PTO-1449  
INFORMATION  
DISCLOSURE  
STATEMENT



Docket No.: B0410/7277

Serial No. 09/743,695

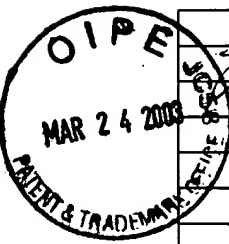
Applicant: Michael F. Weiser, et al.

Filed: April 12, 2001

Group: 3764

U.S. Patent Documents

Ex.	Doc. No.	Date	Name	Class	Subcl.	Filed
<i>MA</i>	3,991,750	11/1976	Vickery			
	3,995,617	12/1976	Watkins et al.			
	4,307,722	12/1981	Evans et al.			
	4,503,569	03/1985	Dotter			
	4,546,499	10/1985	Possis			
	4,562,597	01/1986	Possis et al.			
	4,580,568	04/1986	Gianturco			
	4,582,181	04/1986	Samson			
	4,641,653	02/1987	Rockey			
	4,649,922	03/1987	Wiktor			
	4,655,771	04/1987	Wallsten			
	4,658,817	04/1987	Hardy et. al.			
	4,665,918	05/1987	Garza et. al.			
	4,681,110	07/1987	Wiktor			
	4,733,665	03/1988	Palmaz			
	4,768,507	09/1988	Fischell et. al.			
	4,774,949	10/1988	Fogarty			
	4,813,925	03/1989	Anderson, Jr. et al.			
	4,861,330	08/1989	Voss			
	4,889,137	12/1989	Kolobow			
	4,904,264	02/1990	Scheunemann			
	4,917,666	04/1990	Solar et. al.			
	4,920,980	05/1990	Jackowski			
	4,950,227	08/1990	Savin et. al.			
	4,995,857	02/1991	Arnold			
	4,997,431	03/1991	Isner et. al.			
	5,040,543	08/1991	Badera et. al.			
	5,042,486	08/1991	Pfeiler et. al.			
	5,047,028	09/1991	Qian			
	5,049,138	09/1991	Chevalier et. al.			
	5,056,517	10/1991	Fenici			
	5,087,243	02/1992	Avitall			
	5,098,374	03/1992	Othel-Jacobsen et. al.			
	5,114,414	05/1992	Buchbinder			
	5,158,548	10/1992	Lau et. al.			
	5,167,614	12/1992	Tessman et. al.			
	5,176,626	01/1993	Soehendra			
	5,180,366	01/1993	Woods			
	5,190,058	03/1993	Jones et. al.			



U.S. Patent Documents

5,256,146	10/1993	Ensminger et. al.			
5,266,073	11/1993	Wall			
5,287,861	02/1994	Wilk			
5,290,295	03/1994	Querals et. al.			
5,312,456	05/1994	Reed et. al.			
5,324,325	06/1994	Moaddeb			
5,366,493	11/1994	Scheiner et. al.			
5,372,600	12/1994	Beyar et. al.			
5,380,316	01/1995	Alta et. al.			
5,389,096	02/1995	Alta et. al.			
5,391,199	02/1995	Ben-Haim			
5,409,004	04/1995	Sloan			
5,409,019	04/1995	Wilk			
5,423,885	06/1995	Williams			
5,425,757	06/1995	Tiefenbrun et. al.			
5,429,144	07/1995	Wilk			
5,441,516	08/1995	Wang et. al.			
5,452,733	09/1995	Sterman			
5,453,090	09/1995	Martinez et. al.			
5,458,615	10/1995	Klemm			
5,464,404	11/1995	Abela et. al.			
5,464,650	11/1995	Berg et. al.			
5,466,242	11/1995	Mori			
5,476,505	12/1995	Limon			
5,480,422	01/1996	Ben-Halm			
5,487,739	01/1996	Aebischer et. al.			
5,514,176	05/1996	Bosley, Jr. et. al.			
5,551,427	09/1996	Altman			
5,551,954	09/1996	Buscemi et. al.			
5,562,619	10/1996	Mirarchi et. al.			
5,562,922	10/1996	Lambert			
5,569,272	10/1996	Reed et. al.			
5,571,168	11/1996	Toro			
5,593,412	01/1997	Martinez et. al.			
5,593,434	01/1997	Williams			
5,602,301	02/1997	Field			
5,614,206	03/1997	Randolf et. al.			
5,643,308	07/1997	Markman			
5,653,756	08/1997	Clarke et. al.			
5,655,548	08/1997	Nelson			
5,662,124	09/1997	Wilk			
5,676,850	10/1997	Reed et. al.			
5,690,643	11/1997	Wijay			
5,735,897	04/1998	Buirge			
5,741,330	04/1998	Brauker et. al.			
5,744,515	04/1998	Clapper			
5,755,682	05/1998	Knudson et. al.			
5,756,127	05/1998	Grisoni et. al.			
5,762,600	06/1998	Bruchman et. al.			



### U.S. Patent Documents

	5,769,843	06/1998	Abela et. al.			
	5,782,823	07/1998	Mueller			
	5,785,702	07/1998	Murphy et. al.			
	5,792,453	08/1998	Hammond et. al.			
	5,797,870	08/1998	March et. al.			
	5,807,384	09/1998	Mueller			
	5,810,836	09/1998	Hussein			
	5,824,049	10/1998	Ragheb et. al.			
	5,824,071	10/1998	Nelson et. al.			
	5,830,502	11/1998	Dong et. al.			
	5,840,059	11/1998	March et. al.			
	5,861,032	01/1999	Subramaniam			
	5,879,383	03/1999	Bruchman et. al.			
	5,893,869	04/1999	Barnhart et. al.			
	5,899,915	05/1999	Saadat			
	5,971,993	10/1999	Hussein			
	5,980,514	11/1999	Kupiecki et al.			
	5,980,548	11/1999	Evans et. al.			
	6,045,565	04/2000	Ellis et al.			
	6,053,924	04/2000	Hussein			
	6,197,324	03/2001	Crittenden			
	6,248,112	06/2001	Gambale et al.			
	6,251,418	06/2001	Ahern et al.			
	6,263,880	07/2001	Parker et al.			
	6,277,082	08/2001	Gambale			
	6,432,126	08/2002	Gambale et al.			
	6,447,522	09/2002	Gambale et al.			
✓	6,458,092	10/2002	Gambale et al.	✓	✓	

### U.S. PATENT APPLICATION DOCUMENTS

Ex.	Ser. No.	Filed	Name	Class	Subcl.	
✓	09/073,118	05/05/1998	Gambale			
	09/159,834	09/24/1998	Cafferata			
	09/162,547	09/29/1998	Gambale			
	09/211,332	12/15/1998	Gambale et al.			
	09/299,795	04/26/1999	Ahern			
	09/328,808	06/09/1999	Ahern			
	09/368,119	08/04/1999	Tedeschi et al.			
	09/743,726	04/12/2001	Gambale et al.			
	09/774,319	01/31/2001	Gambale et al.			
	09/774,320	01/31/2001	Gambale et al.			
	09/888,757	06/25/2001	Ahern et al.			
	09/990,644	11/21/2001	Gambale et al.			
✓	10/048,205	05/02/2002	Gambale	✓		
	10/048,694	06/10/2002	Gambale et al.		✓	



FOREIGN PATENT DOCUMENTS

Doc. No.	Date	Name	Class	Subcl.
DE 19703482	01/1997	Dotter		
DE 29619029	04/1997	Kletka		
EP 0 490 459A1	10/1994	De La Caffiniere		
EP 0 515 867 A2	12/1992	Jeevanandam		
EP 0 714 640 A1	06/1996	Stack		
EP 0 717 969A2	06/1996	Sepetka et al.		
EP 0 732 089 A2	09/1996	Anderson et al.		
EP 0 812 574 A2	12/1997	Mueller et al.		
EP 0 830 873 A2	03/1998	Ogawa et al.		
EP 0 853 921 A2	07/1998	Harman et al.		
EP 0 953 320 A2	11/1999	Tuch		
EP 1 062 920 A1	12/2000	Tihon		
FR 1514319	01/1967	Zacouto		
FR 2725615	10/1994	De la Caffiniere		
RU 2026640 C1	01/1995	Abstract of Russian Patent		
RU 2063179 C1	07/1996	Abstract of Russian Patent		
WO 89/01798	03/1989	Jacobsen		
WO 91/15254	10/1991	Zimmon		
WO 94/05265	03/1994	Berde et al.		
WO 94/27612	12/1994	French et al.		
WO 96/20698	07/1996	Levy et al.		
WO 97/32551	09/1997	Hussein et al.		
WO 97/38730	10/1997	Bertrand et al.		
WO 97/42910	11/1997	Bruess et al.		
WO 97/44071	11/1997	Sudai		
WO 97/45105	12/1997	Hunter et al.		
WO 97/47253	12/1997	Fine		
WO 98/05307	02/1998	Kaplan et al.		
WO 98/08456	03/1998	Makower et al.		
WO 98/16644	04/1998	Deisher et al.		
WO 98/23228	06/1998	Burkoth et al.		
WO 98/25533	06/1998	Hektner		
WO 98/29148	07/1998	Yang et al.		
WO 98/32859	07/1998	Rosengart		
WO 98/46115	10/1998	Makower et al.		
WO 99/21510	05/1999	Evans		
WO 99/38459	08/1999	Wilk		
WO 99/53863	10/1999	Vanney et al.		

OTHER DOCUMENTS (including, Author, Title, Date, Pages, Etc.)	
	A. Hassan Khazei et al., "Myocardial Canalization, A new Method of Myocardial Revascularization", <i>The Annals of Thoracic Surgery</i> , Vol. 6, No. 2, pp. 163-171, Aug. 1968
	Alfred Goldman et al., "Experimental Methods for Producing a Collateral Circulation to the Heart Directly from the Left Ventricle", <i>Journals of Thoracic Surgery</i> , Vol. 31, No. 3, pp. 364-374, Mar. 1956



OTHER DOCUMENTS (including, Author, Title, Date, Pages, Etc.)		
		A. Sachinopoulou et al., "Invited Review Transmyocardial Revascularization", <i>Lasers in Medical Science</i> , 1995, vol. 10, pp. 83-91, Sep. 1995
		B. Schumacher et al., Induction of Neoangiogenesis in Ischemic Myocardium by Human Growth Factors, First Clinical Results of a New Treatment of Coronary Heart Disease, <i>Clinical Investigation and Reports</i> , pp. 645-650, Dec. 1997.
		Charles T. Dotter, Transluminally-placed Coilspring Endarterial Tube Grafts: Long-term Patency in Canine Popliteal Artery, <i>Investigative Radiology</i> , pp. 329-332, Sep-Oct. 1969.
		C. Massimo, et al., Myocardial Revascularization By a New Method of Carrying Blood Directly from the Left Ventricular Cavity into the Coronary Circulation, <i>Journals of Thoracic Surgery</i> , vol. 34, No. 2, pp.257-264, Aug. 1957.
		Garrett Lee et al., Feasibility of Intravascular Laser Irradiation for In vivo Visualization and therapy of Cardiocirculatory Diseases, <i>American Heart Journal</i> ., vol. 103 No. 6, pp. 1076-1077.
		Garrett Lee et al., Laser-Dissolution of Coronary Atherosclerotic Obstruction, <i>American Heart Journal</i> , vol. 102, No. 6, part 1, pp. 1074-1075, Dec. 1981.
		George S. Abela et al., Use of Laser Radiation to Recanalize Totally Obstructed Coronary Arteries (Abstract), <i>Journal American College Cardiology</i> 1983:1(2):691.
		George S. Abela et al., Laser Revascularization: What Are Its Prospects?, <i>Journal of Cardiovascular Medicine</i> , pp. 977-984, Sep. 1983.
		Isam N. Anabtawi et al., Experimental Evaluation of Myocardial Tunnelization as a Method of Myocardial Revascularization, <i>Journal of Thoracic and Cardiovascular Surgery</i> , vol. 58, No. 5, pp. 638-646, Nov. 1969.
		John E. Hershey et al., Transmyocardial Puncture Revascularization, <i>Geriatrics</i> , pp. 101-108, Mar. 1969.
		Ladislav Kuzela et al. Experimental Evaluation of Direct Transventricular Revascularization, <i>Journal of Thoracic Cardiovascular Surgery</i> , vol. 57, No. 6, pp. 770-773, Jun. 1969.
		Mahmood Mirhoseini et al., Myocardial Revascularization by Laser: A Clinical Report; <i>Lasers in Surgery and Medicine</i> 3:241-245 (1983).
		Mahmood Mirhoseini et al. Revascularization of the Heart by Laser; <i>Journal of Microsurgery</i> , pp. 253-260, June 1981.
		Mahmood Mirhoseini et al., Transventricular Revascularization by Laser, <i>Lasers in Surgery and Medicine</i> , vol, 2, pp. 1987-198, 1982.
		Mahmood Mirhoseini et al., Clinical Report: Laser Myocardial Revascularization, <i>Lasers in Surgery and Medicine</i> vol., 6, pp. 459-461, 1986.
		Mahmood Mirhoseini et al., New Concepts in Revascularization of the Myocardium, <i>The Annals of Thoracic Surgery</i> , vol. 45, No. 4, pp. 415-420, Apr. 1988.
		P. Walter et al., Treatment of Acute Myocardial Infarction by Transmural Blood Supply from the Ventricular Cavity, Department of Surgery and Department of Radiology of the Hanover Medical School, Hanover, pp. 130-138, (1971).
		Peter Whittaker, et al., Transmural Channels Can Protect Ischemic Tissue, Assessment of Long-term Myocardial Response to Laser and Needle-Made Channels, <i>Circulation</i> , vol. 93, No. 1, pp. 143-152, Jan.1996.
		P.K. Sen. et al., Further Studies in Multiple Transmyocardial Acupuncture as a Method of Myocardial Revascularization, <i>Surgery</i> , vol., 64, No. 5, pp. 861-870, No. 1968.
		P.K. Sen, et al, Transmyocardial Acupuncture, A New Approach to Myocardial Revascularization; <i>Journal of Thoracic and Cardiovascular Surgery</i> , vol. 50, No. 2, pp. 181-189, Aug. 1965.



OTHER DOCUMENTS (including, Author, Title, Date, Pages, Etc.)		
<input checked="" type="checkbox"/>		R.I. Hardy et al., Regional Myocardial Blood Flow and Cardiac Mechanics in Dog Hearts with CO <sub>2</sub> Laser-Induced Intramyocardial Revascularization, Basic Research Cardiology, 85:179-197 (1990).
<input checked="" type="checkbox"/>		Roque Pifarre et al., Myocardial Revascularization by Transmyocardial Acupuncture: A Physiologic Impossibility; Journal of Thoracic and Cardiovascular Surgery; vol. 58, No. 3, pp. 424-429, Sep. 1969.
<input checked="" type="checkbox"/>		Valluvan Jevanandam et al., Myocardial Revascularization by Laser-Induced Channels, Surgical Forum Vol. VL, American College of Surgeons 76 <sup>th</sup> Clinical Congress, vol. 4, pp. 225-227, Oct. 1990.
<input checked="" type="checkbox"/>		Neil B. Ingels, et al., Measurement of Midwall Myocardial Dynamics in Intact Man by Radiography of Surgically Implanted Markers, Circulation, vol. 52, pp. 859-867 (Nov. 1975).

Examiner: <i>Lawton N. Dun</i>	Date considered <i>6/13/03</i>
--------------------------------	--------------------------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. An \* indicates references that do not require a copy to be provided under 37 C.F.R. §1.98(d) because a copy was previously cited or submitted in a prior application, which is relied upon under 35 U.S.C. §120.